

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

⚠NA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the **⚠**NA designation are not listed in this section. **⚠** designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	600-2	800-2
⚠ Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	
US Military (USA/USN/USAF)	See Service Regulations	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).

NAME ALTERNATE MINIMUMS

ALBANY, NY

ALBANY INTL (ALB).....**ILS or LOC Rwy 1¹²**
ILS or LOC Rwy 19¹²
RNAV (GPS) Rwy 10²³
RNAV (GPS) Rwy 28²³
RNAV (GPS) Y Rwy 1²³
RNAV (GPS) Y Rwy 19²³
VOR Rwy 28³

¹LOC, Category D, 800-2½.

²NA when local weather not available.

³Category D, 800-2½.

ANDOVER, NJ

AEROFLEX/
ANDOVER (12N).....**RNAV (GPS) Rwy 3**
VOR-A

NA when local weather not available.

Category A, 1000-2.

NAME ALTERNATE MINIMUMS

ATLANTIC CITY, NJ

ATLANTIC CITY
INTL (ACY).....**ILS or LOC/DME Rwy 31¹**
ILS Z or LOC Z Rwy 13²
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 22³
RNAV (GPS) Y Rwy 13³
RNAV (GPS) Y Rwy 31³
VOR Rwy 4³
VOR Rwy 31³

¹ILS, Category E, 700-2½. LOC, Category E, 800-2½.

²LOC, Category E, 800-2½.

³Category E, 800-2½.

BATAVIA, NY

GENESEE
COUNTY (GVQ).....**ILS or LOC Rwy 28¹**
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 28²
VOR/DME-A²

NA when local weather not available.

¹ILS, LOC, Category C, 900-2½;

Category D, 900-2½.

²Category C, 900-2½; Category D, 900-2½.

NAME ALTERNATE MINIMUMS

BELMAR/FARMINGDALE, NJ

MONMOUTH
EXEC (BLM).....RNAV (GPS) Rwy 14¹
RNAV (GPS) Rwy 32¹
RNAV (GPS) Z Rwy 32
VOR-A¹

NA when local weather not available.
¹Category D, 800-2¼.

BINGHAMTON, NY

GREATER BINGHAMTON/EDWIN A
LINK FLD (BGM).....ILS or LOC Rwy 16¹
ILS or LOC Rwy 34¹
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 28
RNAV (GPS) Rwy 34

NA when local weather not available.
¹NA when control tower closed.

CALDWELL, NJ

ESSEX COUNTY (CDW).....RNAV (GPS) Rwy 4¹²
RNAV (GPS) Rwy 10¹
RNAV (GPS) Rwy 22²³

¹Category B, 900-2; Category C, 1000-2¾;
Category D, 1300-3.
²NA when local weather not available.
³Category B, 900-2; Category C, 1000-2¾.

CORTLAND, NY

CORTLAND COUNTY/CHASE
FLD (N03).....RNAV (GPS) Rwy 6¹
RNAV (GPS) Rwy 24¹
VOR-A²

NA when local weather not available.
¹Category C, 1100-3.
²Categories A, B, 1100-2, Category C, 1200-3.

DANVILLE, NY

DANVILLE MUNI (DSV).....RNAV (GPS)-A
RNAV (GPS) Rwy 14

NA when local weather not available.
Category A, 1300-2; Category B, 1500-2;
Category C, 1600-3.

DUNKIRK, NY

CHAUTAUQUA COUNTY/
DUNKIRK (DKK).....RNAV (GPS)-A¹
RNAV (GPS)-B¹
RNAV (GPS) Rwy 15¹
RNAV (GPS) Rwy 33²

NA when local weather not available.
¹Category C, 1000-2¾; Category D, 1500-3.
²Categories A, B, 1200-2; Category C, 1200-3;
Category D, 1500-3.

NAME ALTERNATE MINIMUMS

EAST HAMPTON, NY

EAST HAMPTON TOWN
(JPX).....RNAV (GPS) Z Rwy 10
RNAV (GPS) Z Rwy 28

NA when local weather not available.

ELMIRA/CORNING, NY

ELMIRA/CORNING
RGNL (ELM).....ILS or LOC Rwy 6¹²
ILS or LOC Rwy 24¹²
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 10⁴
RNAV (GPS) Rwy 24⁵
RNAV (GPS) Rwy 28⁵

NA when local weather not available.
¹NA when control tower closed.
²LOC, Categories A, B, 1200-2;
Category C, 1200-3, Category D, 1400-3.
³Categories A, B, C, 1200-5; Category D, 1400-5.
⁴Categories A, B, 1400-2; Categories C, D, 1400-3.
⁵Categories A, B, 1200-2¾; Category C, 1200-3;
Category D, 1400-3.
⁶Category A, 1100-2; Category B, 1200-2;
Category C, 1200-3, Category D, 1400-3.

FARMINGDALE, NY

REPUBLIC (FRG).....ILS or LOC Rwy 13¹³
RNAV (GPS) Rwy 1²
RNAV (GPS) Y Rwy 14²
RNAV (GPS) Rwy 19²
RNAV (GPS) Rwy 32²

NA when local weather not available.
¹LOC, Category C, 800-2¼; Category D, 1000-3.
²Category C, 800-2¼; Category D, 1000-3.
³ILS, LOC, NA when control tower closed.

FULTON, NY

OSWEGO
COUNTY (FZY).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33

NA when local weather not available.

GLENS FALLS, NY

FLOYD BENNETT
MEML (GFL).....ILS or LOC Rwy 1¹
RNAV (GPS) Rwy 12⁴
RNAV (GPS) Rwy 19³⁴
RNAV (GPS) Rwy 30²

¹LOC, Category D, 1200-3.
²Category D, 1700-3.
³Category D, 1100-3.
⁴NA when local weather not available.

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NAME ALTERNATE MINIMUMS

ITHACA, NY

ITHACA TOMPKINS
INTL (ITH).....**ILS or LOC Rwy 32**¹²³
RNAV (GPS) Y Rwy 14¹⁴
RNAV (GPS) Z Rwy 14¹
RNAV (GPS) Rwy 32⁵

- ¹NA when local weather not available.
- ²NA when tower closed.
- ³LOC, Categories A, B, 1100-2;
Category C, 1100-3; Category D, 1400-3.
- ⁴Category D, 800-2¼.
- ⁵Categories A, B, 1300-2; Categories C, D, 1300-3.

JAMESTOWN, NY

CHAUTAUQUA COUNTY/
JAMESTOWN (JHW).....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

JOHNSTOWN, NY

FULTON COUNTY (NY0).....**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
NA when local weather not available.

MASSENA, NY

MASSENA INTL-RICHARDS
FLD (MSS).....**RNAV (GPS) Rwy 5**¹
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 27
NA when local weather not available.
¹Categories A, B, C, D, 800-2½.

MILLVILLE, NJ

MILLVILLE MUNI (MIV).....**ILS or LOC Rwy 10**¹
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 14
VOR-A
NA when local weather not available.
¹ILS, LOC, Categories A, B, 900-2; Category C,
900-2¾, Category D, 900-3.

MONTGOMERY, NY

ORANGE COUNTY (MGJ).....**ILS or LOC Rwy 4**¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 8³
RNAV (GPS) Rwy 22⁴
RNAV (GPS) Rwy 26⁴
VOR Rwy 8⁴
¹LOC, Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-2¾.
²Categories A, B, 900-2; Category C, 900-2¼; Category D, 900-2¼.
³Categories A, B, 800-2½; Category C, 900-2½; Category D, 900-2¾.
⁴Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¼.

NAME ALTERNATE MINIMUMS

MONTICELLO, NY

SULLIVAN COUNTY
INTL (MSV).....**ILS or LOC Rwy 15**¹
RNAV (GPS) Rwy 15²
RNAV (GPS) Rwy 33²

- NA when local weather not available.
- ¹LOC, Category D, 800-2½.
- ²Category D, 800-2½.

MORRISTOWN, NJ

MORRISTOWN
MUNI (MMU).....**ILS or LOC Rwy 23**¹²
RNAV (GPS) Rwy 5³
RNAV (GPS) Z Rwy 23³

- NA when local weather not available.
- ¹NA when tower closed.
- ²LOC, Category C, 900-2½, Category D, 1100-3.
- ³Category C, 900-2½, Category D, 1100-3.

MOUNT HOLLY, NJ

SOUTH JERSEY
RGNL (VAY).....**RNAV (GPS) Rwy 8**
NA when local weather not available.

NEW YORK, NY

JOHN F KENNEDY
INTL (JFK).....**ILS or LOC Rwy 4**¹
ILS or LOC Rwy 13L¹
ILS or LOC Rwy 22L²
ILS or LOC Rwy 22R²
RNAV (GPS) Z RWY 13L³
RNAV (GPS) Z RWY 13R⁴
VOR or GPS Rwy 13L/R, 1000-3
¹Category D, 800-2¼.
²NA when local weather not available.
³Categories A, B, C, D, 1300-2.
⁴Categories A, B, C, D, 1000-3.

LAGUARDIA (LGA).....**ILS or LOC Rwy 4**¹
ILS or LOC Rwy 13²
ILS or LOC Rwy 22²
LOC Rwy 31³
RNAV (GPS) X Rwy 22⁵
RNAV (GPS) X Rwy 31⁶
RNAV (GPS) Y Rwy 4⁵
RNAV (GPS) Y Rwy 22³
RNAV (GPS) Y Rwy 31³
RNAV (GPS) Z Rwy 13⁴

- ¹LOC, Category D, 800-2¼.
- ²LOC, Categories C, D, 1100-3.
- ³Categories C, D, 1100-3.
- ⁴Category C, 1100-3; Category D, 1300-3.
- ⁵Category D, 800-2¼.
- ⁶Categories A, B, C, D, 1200-4.

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NAME ALTERNATE MINIMUMS

NEW YORK, NY (CON'T)

LONG ISLAND
MAC ARTHUR (ISP).....ILS or LOC Rwy 6¹²⁴
 ILS or LOC Rwy 24¹²³
 RNAV (GPS) Rwy 6¹⁴
 RNAV (GPS) Rwy 15^{R14}
 RNAV (GPS) Rwy 24⁴
 RNAV (GPS) Rwy 33^{L14}

¹NA when local weather not available.

²NA when control tower closed.

³LOC, Category D, 900-2½.

⁴Category D, 900-2¼.

NEW YORK STEWART

INTL (SWF).....ILS or LOC Rwy 9¹
 ILS or LOC Rwy 27¹
 RNAV (GPS) Rwy 9²
 RNAV (GPS) Rwy 16²
 RNAV (GPS) Rwy 27²
 RNAV (GPS) Rwy 34²

¹ILS, Categories A, B, C, 800-2, Category D, 800-2¼; LOC, Category D, 800-2¼.

²Category D, 800-2¼.

NEWARK, NJ

NEWARK LIBERTY
INTL (EWR).....ILS or LOC Rwy 4R¹
 ILS or LOC Rwy 11²
 ILS or LOC Rwy 22^{L1}
 ILS or LOC Rwy 22R¹
 ILS Z or LOC Z Rwy 4L¹
 RNAV (GPS) Rwy 4L³
 RNAV (GPS) Rwy 11³
 RNAV (GPS) Rwy 22R³
 RNAV (GPS) W Rwy 29⁴
 RNAV (GPS) X Rwy 29⁵
 RNAV (GPS) Y Rwy 4R³
 RNAV (GPS) Z Rwy 22L³

¹LOC, Category C, 900-2¼; Category D, 900-3.

²LOC, Category C, 900-2¼; Category D, 900-2¼.

³Category C, 900-2¼; Category D, 900-3.

⁴Categories A, B, C, D, 1000-3.

⁵Category B, 900-2; Category C, 900-2¼; Category D, 900-3.

NIAGARA FALLS, NY

NIAGARA FALLS
INTL (IAG).....ILS Y or LOC Y Rwy 28R¹²
 ILS Z or LOC Z Rwy 28R¹²
 NDB Rwy 28R¹³
 RNAV (GPS) Rwy 6³
 RNAV (GPS) Rwy 10L³
 RNAV (GPS) Y Rwy 24⁴
 RNAV (GPS) Z Rwy 24³
 RNAV (GPS) Rwy 28R³
 TACAN Rwy 28R¹⁵

NA when local weather not available.

¹NA when control tower closed.

²ILS, LOC, Category D, 800-2¼.

³Category D, 800-2¼.

⁴Category C, 800-2¼; Category D, 800-2¼.

⁵Category D, 800-2¼; Category E 800-2¼.

NAME ALTERNATE MINIMUMS

OGDENSBURG, NY

OGDENSBURG
INTL (OGS).....RNAV (GPS) Rwy 9
 RNAV (GPS) Rwy 27

NA when local weather not available.
Category D, 800-2¼.

PENN YAN, NY

PENN YAN/
YATES COUNTY (PEO).....RNAV (GPS) Rwy 1¹
 RNAV (GPS) Rwy 19²

NA when local weather not available.
¹Categories A, B, 900-2; Category C, 900-2½;
Category D, 1000-3.
²Category C, 900-2½; Category D, 1000-3.

PITTSTOWN, NJ

SKY MANOR (N40).....RNAV (GPS) Rwy 7
 RNAV (GPS) Rwy 25
 VOR Rwy 7

NA when local weather not available.

PLATTSBURGH, NY

PLATTSBURGH
INTL (PBG).....ILS or LOC Rwy 35¹
 RNAV (GPS) Rwy 35²

NA when local weather not available.

¹LOC, Category D, 800-2¼.

²Category D, 800-2¼.

POTSDAM, NY

POTSDAM MUNI/DAMON
FLD (PTD).....RNAV (GPS) Rwy 24
NA when local weather not available.

POUGHKEEPSIE, NY

HUDSON VALLEY
RGNL (POU).....ILS or LOC Rwy 6¹²
 RNAV (GPS) Rwy 6³
 RNAV (GPS) Rwy 24³
 VOR-A³
 VOR Rwy 24⁴

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category C, 800-2¼; Category D, 1000-3.

³Category C, 800-2¼; Category D, 1000-3.

⁴Category C, 800-2½; Category D, 1000-3.

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NAME ALTERNATE MINIMUMS

ROCHESTER, NY

FREDERICK DOUGLASS/GREATER
 ROCHESTER INTL (ROC).....**ILS or LOC Rwy 4¹**
 ILS or LOC Rwy 22²
 ILS or LOC Rwy 28³
 RNAV (GPS) Rwy 4⁴
 RNAV (GPS) Rwy 7⁴
 RNAV (GPS) Rwy 10⁴
 RNAV (GPS) Rwy 22⁴
 RNAV (GPS) Rwy 25⁴
 RNAV (GPS) Rwy 28⁴
 VOR Rwy 4⁴

- ¹ILS, LOC, Category C, 1000-2½; Category D, 1000-3.
- ²LOC, Category C, 1000-2½; Category D, 1000-3.
- ³ILS, Categories A, B, 700-2; Category C, 1000-2½; Category D, 1000-3. LOC, Category C, 1000-2½; Category D, 1000-3.
- ⁴Category C, 1000-2½; Category D, 1000-3.

ROME, NY

GRIFFISS INTL (RME).....**ILS or LOC Rwy 33¹²³**
 RNAV (GPS) Rwy 15³⁴
 RNAV (GPS) Rwy 33⁴

- ¹NA when control tower closed.
- ²LOC, Category C, 900-2½; Category D, 1200-3.
- ³NA when local weather not available.
- ⁴Category C, 900-2½; Category D, 1200-3.

SARANAC LAKE, NY

ADIRONDACK
 RGNL (SLK).....**ILS or LOC Rwy 23¹**
 RNAV (GPS) Rwy 5²
 RNAV (GPS) Rwy 9²
 RNAV (GPS) Rwy 23³

- NA when local weather not available.
- ¹LOC, Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- ²Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- ³Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1200-3.

SCHENECTADY, NY

SCHENECTADY
 COUNTY (SCH).....**RNAV (GPS) Rwy 4**
 NA when local weather not available.
 Category C, 800-2½; Category D, 800-3.

SHIRLEY, NY

BROOKHAVEN (HWV).....**RNAV (GPS)-A**
 RNAV (GPS) Rwy 6
 RNAV (GPS) Rwy 15
 RNAV (GPS) Rwy 33
 VOR Rwy 6

NA when local weather not available.

NAME ALTERNATE MINIMUMS

SKANEATELES, NY

SKANEATELES AÉRO
 DROME (6B9).....**RNAV (GPS)-A**
 RNAV (GPS)-B
 NA when local weather not available.
 Category C, 800-2½.

SOMERVILLE, NJ

SOMERSET (SMQ).....**RNAV (GPS) Rwy 12¹**
 RNAV (GPS) Rwy 30²
 VOR Rwy 8¹

- NA when local weather not available.
- ¹Category B, 900-2.
- ²Categories A, B, 900-2.

SUSSEX, NJ

SUSSEX (FWN).....**RNAV (GPS) Rwy 3¹**
 VOR-A²
 NA when local weather not available.
¹Categories A, B, 900-2; Category C, 900-2½.
²Categories A, B, 1400-2; Category C, 1400-3.

SYRACUSE, NY

SYRACUSE HANCOCK
 INTL (SYR).....**ILS or LOC Rwy 10¹**
 ILS or LOC Rwy 28¹
 RNAV (GPS) Rwy 15²
 RNAV (GPS) Rwy 33²
 RNAV (GPS) Z Rwy 10²
 RNAV (GPS) Z Rwy 28²
 VOR Rwy 15²
 TACAN Rwy 33²

- NA when local weather not available.
- ¹LOC, Category D, 800-2½.
- ²Category D, 800-2½.

TETERBORO, NJ

TETERBORO (TEB).....**ILS or LOC Rwy 19¹**
 ILS Z or LOC Z Rwy 6¹
 RNAV (GPS) Rwy 24²³
 RNAV (GPS) X Rwy 6³
 RNAV (GPS) X Rwy 19⁴
 RNAV (GPS) Y Rwy 6³
 RNAV (GPS) Y Rwy 19⁵

- ¹LOC, Category C, 900-2½; Category D, 1100-3.
- ²NA when local weather not available.
- ³Category C, 900-2½; Category D, 1100-3.
- ⁴Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- ⁵Categories A, B, C, D, 1100-4.

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NAME ALTERNATE MINIMUMS

TRENTON, NJ
 TRENTON
 MERCER (TTN).....ILS or LOC Rwy 6¹
 RNAV (GPS) Rwy 16²
 RNAV (GPS) Rwy 34²
 RNAV (GPS) Z Rwy 6²
 RNAV (GPS) Z Rwy 24²³
 VOR-A²³

¹LOC, Category D, 800-2½.

²Category D, 800-2½.

³NA when local weather not available.

WATERTOWN, NY
 WATERTOWN
 INTL (ART).....ILS or LOC Rwy 7¹
 RNAV (GPS) Rwy 7²
 RNAV (GPS) Rwy 10²
 RNAV (GPS) Rwy 28²³
 VOR Rwy 7³⁴

¹ILS, Categories A, B, C, 700-2; Category D 800-2½; LOC, Category D, 800-2½.

²Category D, 800-2½.

³NA when local weather not available.

⁴Category D, 800-2¼.

WELLSVILLE, NY
 WELLSVILLE MUNI/TARANTINE
 FLD (ELZ).....RNAV (GPS) Rwy 10
 RNAV (GPS) Rwy 28

NA when local weather not available.
 Category C, 800-2¼; Category D, 1000-3.

WESTHAMPTON BEACH, NY
 FRANCIS S.
 GABRESKI (FOK).....ILS or LOC Rwy 24¹²
 RNAV (GPS) Rwy 6³⁴
 RNAV (GPS) Rwy 24³⁴
 TACAN Rwy 6³⁴
 TACAN Rwy 24³⁴

¹NA when control tower closed.

²ILS, Category C, 700-2, Category D, 700-2¼; LOC, Category D, 800-2¼.

³NA when local weather not available.

⁴Category D, 800-2¼.

WHITE PLAINS, NY
 WESTCHESTER
 COUNTY (HPN).....ILS or LOC Rwy 16¹²
 ILS or LOC Rwy 34¹²
 RNAV (GPS) Y Rwy 16³
 RNAV (GPS) Y Rwy 34³

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

NAME ALTERNATE MINIMUMS

WILDWOOD, NJ
 CAPE MAY
 COUNTY (WWD).....RNAV (GPS) Rwy 1
 RNAV (GPS) Rwy 10
 RNAV (GPS) Rwy 19
 RNAV (GPS) Rwy 28
 VOR-A

Category D, 1000-3.

WILLIAMSON/SODUS, NY
 WILLIAMSON/SODUS
 (SDC).....RNAV (GPS) Rwy 10
 RNAV (GPS) Rwy 28

NA when local weather not available.